

# Converting Colors

Hex(3CC748)

Have a look what the booklet for  
Hex(3CC748) contains.

<b>Hex(3CC748)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3CC748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CC748
RGB	60, 199, 72
RGB Percent	24%, 78%, 28%
CMY	0.7647, 0.2196, 0.7176
CMYK	0.70, 0.00, 0.64, 0.22
HSL	125°, 55%, 51%
HSV	125°, 70%, 78%
XYZ	23.4566, 42.2754, 13.0546
YIQ	142.9610, -42.0770, -68.9650

# Conversions

## Conversions Part 2

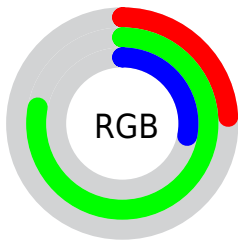
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 188, 199
Decimal	3983176
CIELab	71.06, -61.63, 51.48
CIELCh	71, 80.308, 140.127
Yxy	42.2754, 0.2977, 0.5366
Android (android.graphics.Color)	4282173256 (0xFF3CC748)
YUV	142.9610, -34.9838, -72.7568
Hunter-Lab	65.0195, -49.3881, 33.6095

# Details

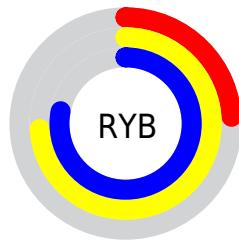
The Hex color **3CC748** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C73CBB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7DFF7D**, and **00900C** is the 20% darker color. If you saturate the color by 10%, you get **28C736**, and if you desaturate by 10%, it is **50C75A**.

# Distribution



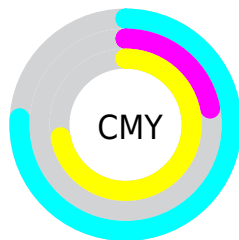
- Red (24%)
- Green (78%)
- Blue (28%)



- Red (24%)
- Yellow (74%)
- Blue (78%)



- Cyan (70%)
- Magenta (0%)
- Yellow (64%)
- Black (22%)



- Cyan (76%)
- Magenta (22%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CC748 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3CC748 by changing the saturation by 10% instead.



 3CC748

 3CC748

FFFFFF

 02AB2D

 7DFF7D

 00900C

 9CFF98

 007500

 BAFFB4

 005B00

 D8FFD1

 004200

 F6FFED

 002B00

 000700

 000000

 3CC748

 3CC748

 28C736

 50C75A

 14C724

 64C76C

 00C711

 78C77F

 8CC791

 A0C7A3

 B3C7B5

 C7C7C7

 DBC7D9

 EFC7EC

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1B900



3CC748



00CE92

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3CC748



00BEFF



FF6580

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3CC748



C73CBB

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF64C9



3CC748



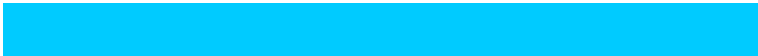
77A5FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3CC748



00CBFF



ED82FF



FF823D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3CC748



00CFC6



ED82FF



FF6098

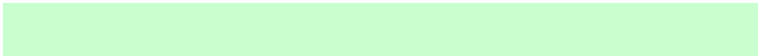


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3CC748



C9FFCE



BBC73C



608062



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3CC748



29FF3B



3CC78D



5A635A



00A30E



002403



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C73CBB



FF29ED



C73C76



635A63



A30095

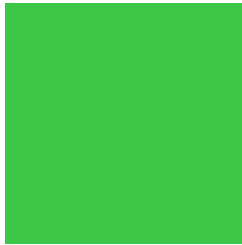


240021



# Previews

## White Background



This preview shows how the Hex color 3CC748 looks on a white background.

## Color Contrast Check

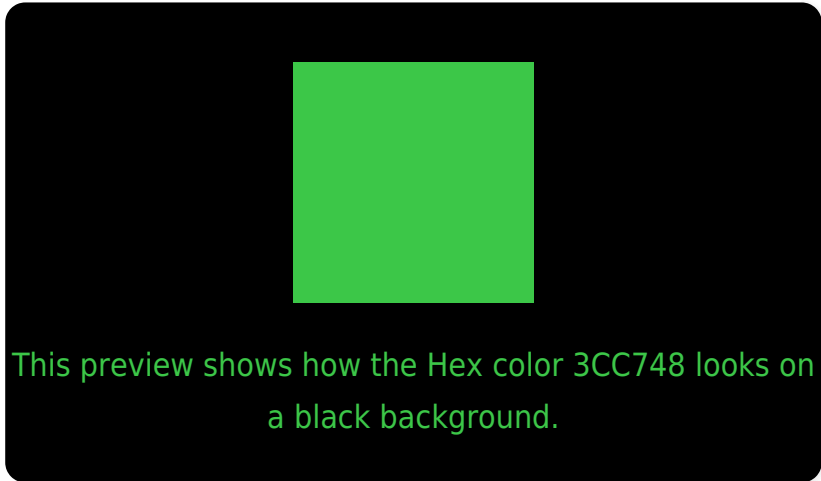
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3CC748 Background



This preview shows how black text looks on a background with the Hex color 3CC748.

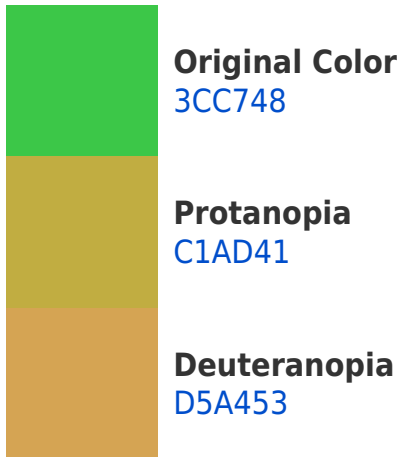


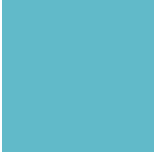
This preview shows how white text looks on a background with the Hex color 3CC748.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
61BAC9

# Trichromacy



**Original Color**  
3CC748



**Protanomaly**  
91B644



**Deuteranomaly**  
9DB14F



**Tritanomaly**  
54BF9A

# Monochromacy



**Original Color**  
3CC748



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
71A375

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CC748 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3CC748 looks like.

```
.text, #text, p{  
    color:#3CC748  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3CC748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC748
}
```

## Border

The CSS property to change the border of an element to Hex 3CC748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3CC748 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3CC748 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3CC748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC748; -webkit-box-shadow:4px 4px  
4px 4px #3CC748; box-shadow:4px 4px 4px  
4px #3CC748 }
```

# Background

The CSS property to change the background color of an element to Hex 3CC748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC748 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3CC748 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor